

**Reliability:**

This alternative has a high degree of reliability for its one-year life.

**Operation and Maintenance Difficulties:**

The site would be operated and maintained in the same manner as described in the Preferred Alternative.

**NON-DEGRADATION ALTERNATIVE**

**Technical Feasibility:**

Shipment off-site, in this region, involves disposal in another valley. Nothing is really solved by this alternative since the same environmental concerns must be addressed again. Transportation is another factor. To dispose of 1.8 million cubic yards of coarse coal refuse annually will require 98,000 truck loads. The impact to local highways will be significant. There will be much more road traffic, accelerated wear and tear, and greater road hazard to other drivers.

**Cost Effectiveness:**

Trucking coal refuse to the Harrison County Solid Waste Disposal Facility would cost an estimated \$6.25 per ton. The estimated landfill fee is \$5.00 per ton. Total cost is \$11.25 per ton of refuse. This Alternative will increase the cost of clean coal by \$6.06 per ton, making the mining operation uneconomic. This Alternative is 14 times greater in cost than the Preferred Alternative.

**Availability:**

Off-site shipments would be made to the Harrison County Solid Waste Disposal Facility, located west of Cadiz, Ohio on Route 250, approximately 55 miles away. There is no additional construction required under this alternative.

**Reliability:**

Shipments off-site, particularly 55 miles away has its greatest uncertainty during the winter months. Icy roads would limit steady shipment schedules and create added risk to others using the roads.

**Operation and Maintenance Difficulties:**

Not applicable to this alternative.

**10D.** *For regional sewage collection and treatment facilities, include a discussion of the technical feasibility, cost effectiveness and availability, and long-range plans outlined in state of local water quality management planning documents and applicable facility planning documents. (OAC 3745-1-05 (C)(6)(I)).*

Not applicable.